

INCH-POUND

MS90577B
8 May 2012
SUPERSEDING
MS90577A
7 November 2005

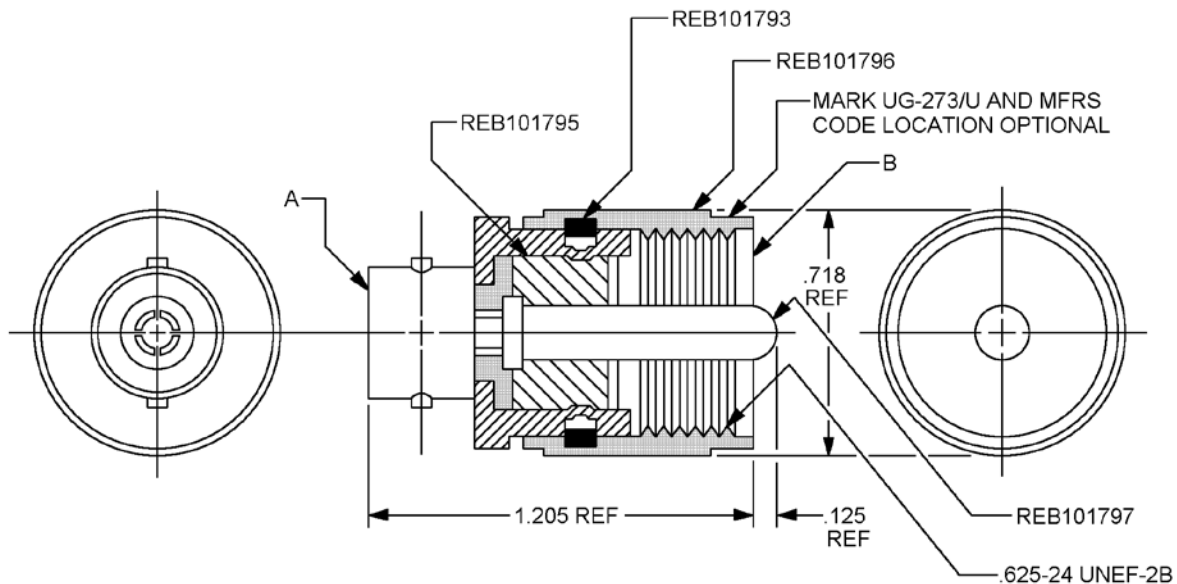
DETAIL SPECIFICATION SHEET

ADAPTER, CONNECTOR, SERIES UHF TO SERIES BNC,
TYPE UG-273/U

Inactive for new design 15 June 1999.

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of
this specification sheet and MIL-DTL-27434.



Inches	mm
.125	3.17
.718	18.24
1.205	30.61

Reference	Series	Contact
A	BNC	Socket
B	UHF	Pin

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Series BNC socket contact interface to be in accordance with MIL-STD-348.

FIGURE 1. Type UG-273/U connector.

MS90577B

Dimensions and configuration: In accordance with figure 1 and MIL-STD-348, BNC socket contact interface.

Impedance: 50 ohms.

Frequency range: 500 MHz, maximum.

Voltage rating: 500 volts rms, maximum at 60 Hz.

Dielectric withstanding voltage: 3,000 volts, rms.

Corrosion: In accordance with MIL-STD-202, method 101, test condition B.

Finish: Center contact. The male pin shall be plated to a minimum gold thickness of 50 micro inches (1.27 μ m) in accordance with ASTM B488, type II, code C, class 1.27, over 50 micro inches (1.27 μ m) minimum of nickel in accordance with SAE-AMS-QQ-N-290, class 1, measured anywhere along the mating surface, for all series. The socket contact shall be plated to a minimum of 50 micro inches (1.27 μ m) of gold in accordance with ASTM B488, type II, code C, class 1.27, over 50 micro inches (1.27 μ m) minimum of nickel in accordance with SAE-AMS-QQ-N-290, class 1, including the ID, measured at a depth of .040 inch minimum. The plating on non-significant surfaces in the ID shall be of sufficient thickness to ensure plating continuity and uniform utility and protection. This plating may consist of an underplate only. A silver underplate shall not be permitted.

All other parts shall be silver plated to a minimum thickness of 0.0002 inches (0.005 mm) in accordance with ASTM B700.

Part or Identifying Number (PIN): MS90577-273.

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

Referenced documents. In addition to MIL-DTL-27434, this document references the following:

MIL-STD-202
MIL-STD-348
ASTM B488
SAE-AMS-QQ-N-290
ASTM B700

MS90577B

CONCLUDING MATERIAL

Custodians:

Army - CR
Navy – EC
Air Force - 85
DLA – CC

Preparing activity:

DLA - CC

(Project 5935-2011-093)

Review activities:

Army – AR, MI
Navy – AS, CG, MC, OS
Air Force - 19

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil>.